

From: [PETERSON Jenn L](#)
To: [Eric Blischke/R10/USEPA/US@EPA](#)
Cc: [Burt Shephard/R10/USEPA/US@EPA](#); rgensemer@parametrix.com; [ANDERSON Jim M](#)
Subject: RE: First batch of draft tissue TRVs
Date: 07/22/2008 10:00 AM

I looked over the TRVs for invertebrates, and didn't have any comments. The TRVs seem reasonable with what is in the literature. I did, however, have some comments related to developing the TRVs for invertebrates only, especially for cadmium.

Cadmium: Carp had the highest cadmium concentration at 0.108 ppm (peamouth 0.053, sculpin 0.022, largescale sucker 0.0325, chinook 0.027, smallmouth bass 0.024, northern pikeminnow 0.012). The TRV used in the Round 2 report by the LWG (5th percentile LOAEL) was 0.09 ppm. The LWG number may be a bit high for screening, given the TSC presented in the Dyer publication is 0.042 mg/kg (Shephard TSC), and 0.015 mg/kg (5th percentile literature number) for fish. Several fish exceed these values, but regardless, since carp exceed the number used in the Round 2 Report why aren't we developing a TRV for fish?

-Jennifer

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov [<mailto:Blischke.Eric@epamail.epa.gov>]
Sent: Monday, July 21, 2008 2:26 PM
To: Shephard.Burt@epamail.epa.gov; Humphrey.Chip@epamail.epa.gov; Davoli.Dana@epamail.epa.gov; GAINER Tom; Grepo-Grove.Gina@epamail.epa.gov; PETERSON Jenn L; jeremy_buck@fws.gov; ANDERSON Jim M; Goulet.Joe@epamail.epa.gov; Smith.Judy@epamail.epa.gov; Koch.Kristine@epamail.epa.gov; MCCLINCY Matt; POULSEN Mike; Fuentes.Rene@epamail.epa.gov; Robert.Neely@noaa.gov; Sheldrake.Sean@epamail.epa.gov; tomd@ctsi.nsn.us; csmith@parametrix.com; rgensemer@parametrix.com; rose@yakama.com; erin.madden@gmail.com; jay.field@noaa.gov; Cora.Lori@epamail.epa.gov; Ader.Mark@epamail.epa.gov; BBarquin@hk-law.com; audiehuber@ctuir.com; Lisa.Bluelake@grandronde.org; sheila@ridolfi.com; Benjamin Shorr; LavelleJM@cdm.com; Mary.Baker@noaa.gov; Michael.Karnosh@grandronde.org; FARRER David G; dallen@stratusconsulting.com; jpeers@stratusconsulting.com; (b) (6) Bob Dexter; cunninghame@gorge.net; JMalek@parametrix.com; nancy.munn@noaa.gov; Greg.Gervais@noaa.gov

Cc: Ibernardini@parametrix.com
Subject: Fw: First batch of draft tissue TRVs

As promised, here are the first set of TRVs. As I indicated on the schedule I sent out last week, internal government team members will be given one week to review these TRVs and an additional week to discuss and finalize for delivery to the LWG.

Please provide comments on this set of TRVs (Sb, Cd and As) by COB, July 28, 2008. If you have any questions, please contact me.

Thanks, Eric

----- Forwarded by Eric Blischke/R10/USEPA/US on 07/21/2008 02:22 PM

"Robert W.
Gensemer"
<rgensemer@param
etrix.com>
07/21/2008 01:37
PM
To
Eric Blischke/R10/USEPA/US@EPA,
Burt Shephard/R10/USEPA/US@EPA
cc
David DeForest
<deforest@parametrix.com>,
"Carrie A. Smith"
<CSmith@parametrix.com>, Brad
Hermanson
<BHermanson@parametrix.com>
Subject
First batch of draft tissue TRVs

Eric and Burt: Attached is our first batch of tissue TRVs for antimony, arsenic, and cadmium that are ready to go for internal government team review. Will you be forwarding to the government team, or would you like us to do that? Let me know if the latter, but I assumed one of you would probably prefer to do the distribution, and your lists are probably more accurate than mine would be anyway.

For this batch, note that even though we have files attached here for antimony, we are actually recommending to not use this single study as the basis of a TRV for the BERA. Its just not reliable enough in our opinion for this purpose; see the attached word file for a description of why.

Call with any questions.
-Bob

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(See attached file: Antimony Draft Tissue TRV (21 July 2008).doc)(See attached file: Cadmium Draft Tissue TRV Data (21 July 2008).xls)(See attached file: Arsenic Draft Tissue TRV Data (21 July 2008).xls)(See attached file: Cadmium Draft Tissue TRV (21 July 2008).xls.doc)(See attached file: Arsenic Draft Tissue TRV (21 July 2008).doc)(See attached

file: Antimony Draft Tissue TRV Data (21 July 2008).xls)

